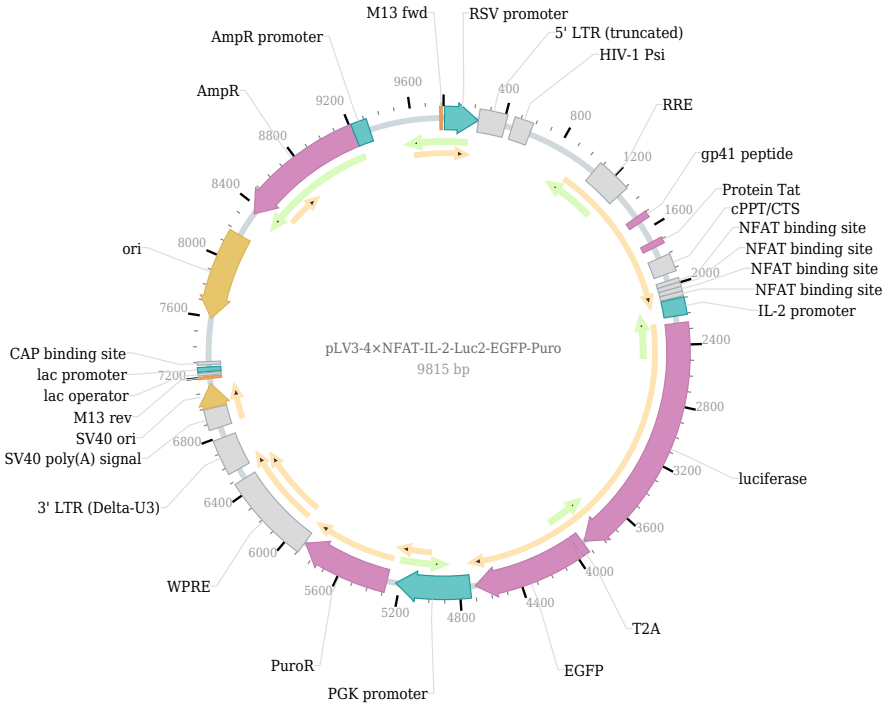
pLV3-4×NFAT-IL-2-Luc2-EGFP-Puro

载体编号 Vector ID	V014695
抗性 Antibiotic Resistance	Ampicillin
长度 Length	9815 bp
载体类型 Vector Type	Luciferase reporter
宿主 Host	Mammalian cells, Lentivirus

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	Puro
启动子 Promoter	RSV
培养菌株 Growth Strain(s)	stbl3
培养温度 Growth Temperature	37℃
备注 Comment	pLV3-4×NFAT-IL-2-Luc2-EGFP-Puro is a lentiviral vector for inducible gene expression in mammalian cells. It contains a T-cell activation-inducible promoter (4×NFAT-IL-2) driving Luc2 luciferase and EGFP, allowing reporter expression upon stimulation. It includes an ampicillin resistance gene for bacterial selection and a puromycin marker for mammalian cells.

质粒图谱



复溶方法

1. Centrifuge at 5,000×g for 5 min.
2. Carefully open the tube and add sterile water to dissolve the DNA: add 20 µl for 5 µg plasmid, and 100 µl for 100 µg plasmid.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin to concentrate the liquid at the bottom. Speed is less than 5000×g.
5. Store the plasmid at -20 ℃.